

35Z4-GT



35Z4-GT HALF-WAVE VACUUM RECTIFIER

GENERAL DATA

Electrical:

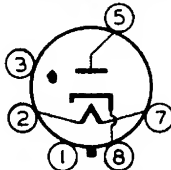
Heater, for Unipotential Cathode:

Voltage. 35 ac or dc volts
Current. 0.15 amp

Mechanical:

Mounting Position. Any
Maximum Overall Length. 3-5/16"
Maximum Seated Length. 2-3/4"
Maximum Diameter. 1-5/16"
Bulb T-9
Base Intermediate-Shell Octal 6-Pin
Basing Designation for BOTTOM VIEW G-5AA

Pin 1 - No
Connection
Pin 2 - Heater
Pin 3 - No
Connection



Pin 5 - Plate
Pin 7 - Heater
Pin 8 - Cathode

HALF-WAVE RECTIFIER

Maximum Ratings, Design-Center Values:

PEAK INVERSE PLATE VOLTAGE 700 max. volts
PEAK PLATE CURRENT 600 max. ma.
DC OUTPUT CURRENT. 100 max. ma.
PEAK HEATER-CATHODE VOLTAGE:
Heater negative with respect to cathode . 350 max. volts
Heater positive with respect to cathode . 350 max. volts

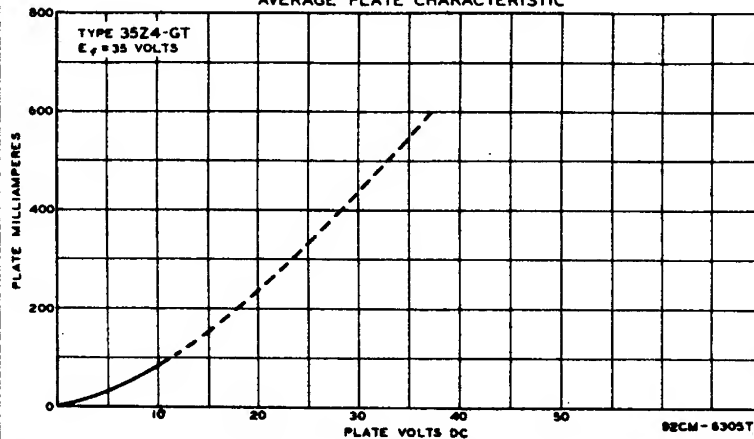
Typical Operation with Capacitor-Input Filter:

AC Plate-Supply Voltage (RMS). 117 235 volts
Min. Total Effective Plate-Supply Imped.▲ 15 100 ohms
DC Output Current. 100 100 ma.

▲ When a filter-input capacitor larger than 40 μ f is used, it may be necessary to use more plate-supply impedance than the minimum value shown to limit the peak plate current to the rated value.

Curves under Type 35Z5-GT also apply to the 35Z4-GT

AVERAGE PLATE CHARACTERISTIC



JUNE 20, 1947

TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA